

Author index to volume 53

Aleixos, N., P. Company and M. Contero, Integrated modeling with top-down approach in subsidiary industries	97
Bae, H., W. Hu, W.S. Yoo, B.K. Kwak, Y. Kim and Y.-T. Park, Document configuration control processes captured in a workflow	117
Besembel, I. , <i>see</i> Chacón, E.	17
Blasquez, I. , and J.-F. Poiraudau, Undo facilities for the extended z-buffer in NC machining simulation	193
Casati, F. , <i>see</i> Grigori, D.	321
Castellanos, M. , <i>see</i> Grigori, D.	321
Cavalieri, S. , <i>see</i> Terzi, S.	3
Chacón, E., I. Besembel and J.C. Henet, Coordination and optimization in oil and gas production complexes	17
Company, P. , <i>see</i> Aleixos, N.	97
Contero, M. , <i>see</i> Aleixos, N.	97
Cook, J.E., Z. Du, C. Liu and A.L. Wolf, Discovering models of behavior for concurrent workflows	297
Dayal, U. , <i>see</i> Grigori, D.	321
Du, Z. , <i>see</i> Cook, J.E.	297
Golani, M. , <i>see</i> Pinter, S.S.	283
Grigori, D., F. Casati, M. Castellanos, U. Dayal, M. Sayal and M.-C. Shan, Business Process Intelligence	321
Hadeli, P. Valckenaers, M. Kollingbaum and H. Van Brussel, Multi-agent coordination and control using stigmergy	75
Henet, J.C. , <i>see</i> Chacón, E.	17
Herbst, J. , and D. Karagiannis, Workflow mining with InWoLvE	245
Hsiao, S.-J., W.-T. Sung and S.-C. Ou, Web-based search system of pattern recognition for the pattern of industrial component by an innovative technology	179
Hu, W. , <i>see</i> Bae, H.	117
Hwang, S.-Y., C.-P. Wei and W.-S. Yang, Discovery of temporal patterns from process instances	345
Ip, W.H. , <i>see</i> Wang, Q.	59
Karagiannis, D. , <i>see</i> Herbst, J.	245
Kim, J.-I. , and D.L. Shunk, Matching indirect procurement process with different B2B e-procurement systems	153
Kim, Y. , <i>see</i> Bae, H.	117
Kollingbaum, M. , <i>see</i> Hadeli	75
Kwak, B.K. , <i>see</i> Bae, H.	117

Li, P. , <i>see</i> Li, Y.	205
Li, Y., X. Shao, P. Li and Q. Liu, Design and implementation of a process-oriented intelligent collaborative product design system	205
Liu, C. , <i>see</i> Cook, J.E.	297
Liu, Q. , <i>see</i> Li, Y.	205
Ou, S.-C. , <i>see</i> Hsiao, S.-J.	179
Park, Y.-T. , <i>see</i> Bae, H.	117
Pinter, S.S. , and M. Golani, Discovering workflow models from activities' lifespans	283
Poiraudau, J.-F. , <i>see</i> Blasquez, I.	193
Sato, R. , <i>see</i> Tsai, T.	133
Sayal, M. , <i>see</i> Grigori, D.	321
Schimm, G. , Mining exact models of concurrent workflows	265
Shan, M.-C. , <i>see</i> Grigori, D.	321
Shao, X. , <i>see</i> Li, Y.	205
Shunk, D.L. , <i>see</i> Kim, J.-I.	153
Sung, W.-T. , <i>see</i> Hsiao, S.-J.	179
Terzi, S. , and S. Cavalieri, Simulation in the supply chain context: a survey	3
Trappey, A.J.C. , and C.V. Trappey, Global content management services for product providers and purchasers	39
Trappey, C.V. , <i>see</i> Trappey, A.J.C.	39
Tsai, T. , and R. Sato, A UML model of agile production planning and control system	133
Valckenaers, P. , <i>see</i> Hadeli	75
Van Brussel, H. , <i>see</i> Hadeli	75
van der Aalst, W.M.P. , and A.J.M.M. Weijters, Process mining: a research agenda	231
Verwijmeren, M. , Software component architecture in supply chain management	165
Wang, Q., K.L. Yung and W.H. Ip, A hierarchical multi-view modeling for Networked Joint Manufacturing System	59
Wei, C.-P. , <i>see</i> Hwang, S.-Y.	345
Weijters, A.J.M.M. , <i>see</i> van der Aalst, W.M.P.	231
Wolf, A.L. , <i>see</i> Cook, J.E.	297
Yang, W.-S. , <i>see</i> Hwang, S.-Y.	345
Yoo, W.S. , <i>see</i> Bae, H.	117
Yung, K.L. , <i>see</i> Wang, Q.	59

Subject index to volume 53

Activity lifespan	283	Indirect procurement	153
Agent	205	Integrating fundamental data structure	97
Agile production planning and control system	133	Intelligent	205
Ant colony optimization	75	Intention-based forecasting	75
Association rules	345	Interval Treap	193
		Inventory management	165
Behavior inference	297	Java	165
Business process	117		
Business Process Intelligence	321	Knowledge discovery	345
Collaborative design	205	Machine learning	245
Component database	179	Multi-agent coordination and control	75
Computer integrated manufacturing	59		
Conceptual engineering design	97	NC milling simulation	193
Concurrency analysis	297	Networked Joint Manufacturing System	59
Content management	39	Networked organisations	165
CORBA	165		
		Object oriented systems	17, 165
Data mining	231, 265, 345		
Data structures	193	Parallel and distributed simulation	3
Data warehouse	321	Pattern recognition	179
Design process	205	Petri nets	231
Distributed systems	165	Planning and scheduling	133
Distribution management	165	Process automation	17
Dynamic analysis	297	Process discovery	283
		Process execution analysis and prediction	321
E-catalog	39	Process mining	231, 345
E-channels	39	Procurement process	153
E-commerce	39	Product data quality	97
Electronic document management	117	Production control	133
E-marketplace	39	Product-oriented modeling guidelines	97
Engineering components	179		
Enterprises cooperation	59	Real-time	179
E-procurement	39, 153		
ERP	165	Sequential patterns	345
Event log	283	Software components	165
Exact workflow model	265	Stigmergy	75
eXtended Markup Language (XML)	39	Supply chain engines	165
Extended z-buffer	193	Supply chain management	3, 165
		Survey	3
Geometric modeling	193	System architecture	165
Hierarchical automation systems	17	Temporal patterns	345
Hierarchical Multi-View Model	59	TMS	165
High level architecture	3	Top-down design	97
Hybrid systems	17		

UML	133	WMS	165
Uncertainty	133	Workflow	117
Version management	117	Workflow data analysis	297
Virtual Enterprise	59	Workflow management	231, 245
Web Services	165	Workflow management system	265
Web-based	179	Workflow mining	231, 245, 265, 283, 321
		Workflow model discovery	297